

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6656553" and dicarboxylic	US: PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 08:16
L3	4322	428/36.9 or 428/36.91	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L4	626	526/250	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L5	1855	138/137	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L6	927	428/36.8	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L7	6881	L3 or L4 or L5 or L6	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L8	730	Diamine near7 (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver))	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/07/22 10:21
L9	6	L7 and L8	US: PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L10	8114	polyamide and ((naphthalene adj dicarboxylic adj acid) or naphthalenedicarboxylic adj acid)	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L11	8127	L10 or (naphthalenedioic adj acid)	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L12	150	L11 and (nonanediamine or octanediamine)	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21
L13	5406369	tube or hose or film	US: PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/07/22 10:21
L14	94	L13 and L12	US: PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 10:21

S1	28	nishioka and iwasa	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 08:25
S2	473	keita and suzuki	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 09:50
S3	111	S2 and resin	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 09:50
S4	316	eiichi and kazuhiko	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 10:41
S5	0	eiichi and kazuhiko3 and tsutomu	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 10:41
S6	44	S4 and kato	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 10:41
S7	3	"06234190"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 10:44
S8	4680546	tube or hose or film	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 11:02
S9	11172	polyamide and (fluoropolymer or (fluorine adj containing adj polymer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 11:04
S10	8570	S8 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 11:04
S11	833	semi adj aromatic	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 11:05
S12	36	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 11:05
S13	682	nishino and akira	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 14:27
S14	16	S13 and yuji	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 14:27
S15	2404	terminal adj modified	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 15:49
S16	36	S15 near polyamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 15:49
S17	14	"5736610"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:00
S18	412	nonanediamine	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:05

S19	1700	octanediamine or dodecanediamine	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:05
S20	1851	S18 or S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:05
S21	782	S20 and terephthal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:06
S22	592	S21 and polyamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:06
S23	3631	428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:13
S24	562	526/250	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:13
S25	1661	138/137	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:17
S26	815	428/36.8	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:18
S27	5937	S23 or S24 or S25 or S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:18
S28	1917	S27 and polyamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:19
S29	1292	S28 and (tube or hose)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:19
S30	242	S29 and (fluoropolymer or (fluorine adj containing adj polymer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:19
S31	152	S30 and fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/06 16:20
S32	49780	fluoropolymer or (fluorine adj containing polymer) or (fluorine adj containing copolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 16:58
S33	10583	S32 and polyamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 16:58
S34	6676	conduct\$4 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 16:59
S36	3001	electrical and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 16:59
S37	2121445	tube or hose	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 17:00

S38	1238	S37 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 17:00
S39	224	S38 and fuel	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/06 17:00
S40	5	"6656553"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/07 09:33
S41	2221	fuel adj hose	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/07 10:37
S42	49780	fluoropolymer or (fluorine adj containing polymer) or (fluorine adj containing copolymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/07 10:38
S44	217	S41 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/07 10:38
S45	119	S44 and polyamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 10:46
S46	10	"6855787"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 10:48
S47	5	"6989198"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 10:51
S48	4	"6655414"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 11:07
S49	4	"6656533"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 11:20
S50	5	"6656553"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 11:21
S51	2404	terminal adj modified	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 13:26
S52	36	S51 near polyamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 13:26
S53	16	S52 and (fuel or gas or auto)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/07 13:26
S54	5	"6794048"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/07 15:32
S55	14	tomoharu and nishioka	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/07 16:15
S56	6621	polyamide and ((naphthalene adj dicarboxylic adj acid) or naphthalenedicarboxylic adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/08 09:42

S57	8	S56 and 9N	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/08 09:42
S58	8	(polyamide or nylon) near 9n	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/08 09:46
S59	104	S56 and (nonanediamine or octanediamine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/08 10:18
S60	41	S59 and (tube or hose)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/08 10:18
S61	6634	S56 or (naphthalenedioic adj acid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/08 10:40
S62	104	S61 and (nonanediamine or octanediamine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/05/08 10:42
S63	10627	(fuel adj hose) or (fuel adj pipe) or (fuel adj tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/08 11:10
S64	4286	polyamide adj ("11" or "12")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/08 11:10
S65	149	S63 and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/05/08 11:11
S66	10	("5554425"   "5670608"   "5869157"   "6656553"   "6794048").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:18
S67	2	("20030012906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:19
S68	3777	428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:19
S69	580	526/250	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:19
S70	1696	138/137	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:19
S71	836	428/36.8	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:19
S72	6142	S68 or S69 or S70 or S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:19
S73	6142	S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:19

S74	4881183	tube or hose or film	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/12/18 11:20
S75	4569	S72 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:20
S76	12184	polyamide and (fluoropolymer or (fluorine adj containing adj polymer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:20
S77	325	S75 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:20
S78	443	nonanediamine	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:21
S79	1	S77 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:21
S80	16	S74 and S76 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:21
S81	46491	fluoropolymer or (fluorine adj containing adj (resin or polymer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:22
S82	6728	polyamide same S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:22
S83	4924	S82 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:22
S84	3675	S83 and adhe\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:22
S85	159274	acid adj anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:24
S86	230	S81 same S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:24
S87	98	S86 and (polyamide or mylon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 11:24

S88	3	"07173447"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/12/18 13:03
S89	3927	428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S90	597	526/250	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S91	1744	138/137	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S92	857	428/36.8	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S93	6342	S89 or S90 or S91 or S92	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S94	5049232	tube or hose or film	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/07/01 15:00
S95	4718	S93 and S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S96	320	"1,9-nonanediamine"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S97	164	"2-methyl-1,8-octanediamine"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S98	332	S96 or S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S99	270	S98 and polyamide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S100	230	S99 and terephthalic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:00
S101	22	"5750626"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:35
S102	45377	itaconic acid anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:57

S103	2376	itaconic adj acid adj anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:57
S104	94	S103 and (fluoropolymer or (fluorine adj containing adj polymer) or (fluorine adj polymer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 15:58
S105	76	S104 and (nylon or polyamide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 16:04
S106	22	S103 same (fluoropolymer or (fluorine adj polymer) or (fluorine adj containing adj polymer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 16:33
S107	16	S106 and (nylon or polyamide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 16:33
S108	269286	functional adj group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 16:51
S109	135	S108 same S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 16:51
S110	6	S109 and (fluoropolymer or (fluorine adj containing adj polymer) or (fluorine adj polymer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/01 16:51
S111	4100	428/36.9 or 428/36.91	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08
S112	610	526/250	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08
S113	1796	138/137	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08
S114	887	428/36.8	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08
S115	6580	S111 or S112 or S113 or S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08
S116	2141	S115 and polyamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08
S117	1450	S116 and (tube or hose)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08



S118	275	S117 and (fluoropolymer or (fluorine adj containing adj polymer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08
S119	275	S115 and S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/01/01 14:08
S120	29	nishioka and iwasa	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 14:17
S121	0	S120 and pa9t	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 14:17
S122	1	S120 and 9t	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 14:18
S123	4247	Diamine same (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 14:58
S124	1065	S123 and polyamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 14:58
S125	200	S124 and (hose or tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 14:58
S126	0	(decyldiamine or dodecyldiamine and hexyldiamine) same (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:18
S127	0	(decyldiamine or dodecyldiamine or hexyldiamine) same (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:19

S128	2602	(decyldiamine or dodecyldiamine or hexyldiamine or (long adj chain)) same (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:23
S129	1	S128 and ((fuel or gas) adj hose)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:24
S130	3	S128 and ((fuel or gas) adj ( tube or hose))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:25
S131	698	Diamine near7 (antioxidant or (heat adj stabilizer) or (ultraviolet adj absorbent) or (light adj stabilizer) or (antistatic adj agent) or (flame adj retardant) or (crystallization accelerator) or plasticizer or colorant or (lubricating adj agent) or (impact adj resistance adj improver))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:32
S132	67	S131 and (hose or tube)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:32
S133	1037	semi-aromatic or (semi adj aromatic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:34
S134	552	S133 adj (polyamide or nylon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:34
S135	0	S134 and S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2010/01/01 15:35

7/ 22/ 2010 10:22:21 AM

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